Class: ScannerControl

Note: All parameter types are ***string***

Methods:

- General
    - **StartScan** {Start scan process using all current parameters}
    - **StopScan** {Immediately terminate running scan}
    - **ScanStatus** {Returns 0 = running, 1= finished, 2=no job status available}
    - **ScanStatusExt** {Returns events for polling models, possible values/format is:
      J|S|T|N –events separated by brackets,
      J = 0,1,2 per ScanStatus, always returned
      S= StdOutAvail
      T= TmpFileAvail
      N= NewTmpFilesAvail }
    - **PauseScan**
    - **ResumeScan**
    - **GetStdOut** {Returns buffer of new data from stdout, stderr, main.log and tsm.log streams}
- Topical
    - Policy
        - **ListPolicy** {Returns name of policy file to be used at next scan)
        - **ListAllPolicy** {Returns list of all resident policy files}
        - **GetPolicy** *PolicyName* {Obtains policy file from host controller}
        - **SetPolicy** *PolicyName* {Set policy to be used at next scan}
    - Key
        - **ListKey** {Returns name of key files to be used at next scan}
        - **ListAllKeys** {Returns list of all resident key files}
        - **GetKey** *KeyName* {Obtains key file from host controller}
        - **SetKey** *KeyName* {Set key to be used at next scan}
    - Host
        - **SetRange** *Range* {Range to be used by pre-scanner}
        - **ListRange** {Returns range of addresses to be used on next scan}
        - **SetPreScan** {Set PreScan option, values:
          E=Explicit Range
          P=PreScan/Scan
          O=Only PreScan
          H=Use existing HostFile }
        - **SetHostClass** *HostType* {Future: Selection class for hosts to scan}
    - DataBase
        - **ClearDB**
        - **ExportDB**
    - Tmp Files
        - **ListTmpFiles** {Returns list all files currently in the scanner tmp directory}

        - **OpenTmpFile** *TmpFileName* {Open specified tmp file for reading}
        - **GetTmpFile** {Returns buffer of new data from tmpfile stream}
        - **CloseTmpFile** {Close the open tmp file}
    - Options
        - **ScanPingFails** *True/False* {IS option to scan even if ping fails}
        - **ListScanPingFails** {Returns Boolean value of the IS option setting}
        - **MaxThreads** *Number* {IS option for number of parallel scan threads}
        - **ListMaxThreads** {Returns number of parallel scan threads per IS setting}

Events:
Note: Events fire based on either object internal timer (not yet implemented) or from a ScanStatus method.

- **StdOutAvail** {fires when there is stdout/stderr to be read via method GetStdOut}
- **TmpFileAvail** {fires when there is more data to be read from the open tmp file}
- **NewTmpFilesAvail** {fires where there are new files in the tmp directory}

Other Specifications:

Remote Scanner machine is the DCOM Server where this object will be instantiated.

Persistent Server variables will be kept in:
HKEY_LOCAL_MACHINE/SOFTWARE/ScannerControl

Keys	**Purpose**	**Set by**
HomeUNC	Share for file transfer – located on host controller	Registration
CurrentPolicy	Name of the policy file to be used at next scan	SetPolicy
CurrentKey	Name of the key file to be used at next scan	SetKey
CurrentRange	Value of host range to be used at next pre-scan	SetRange
CurrentPreScanSetting	Value representing desired PreScan activity	SetPreScan